Blasting and Inspection

This course provides training for inspectors to understand the basic principles of blasting and environmental effects. Focus will be on compliance with regulations and blast-site inspections.

**Duration:** 3 days

**TOPICS COVERED**

**Introduction and Blasting Overview**

**Blasting**
- Explosives Characteristics
- Initiation Systems
- Blast Design
- Blast Records and Inspection

**Adverse Effects**
- Vibrations and Blasting Seismographs
- Blast Waveform Interpretation
- Ground Vibration Limits
- Airblast Limits
- Flyrock Limits

**Performance Standards**
- Warning Signals and Blasting Schedules
- Preblast Survey
- Permit Blast Plans
- Inspector Safety
- Mine Site Inspection

**WHO SHOULD ATTEND:** Inspectors, permit staff, entry-level personnel wanting blasting training and experienced personnel wanting refresher training.

**COMMENTS:** Students need to bring the following to class:
- Calculator
- Problematic Blast Logs

**National Technical Training Program:** (202) 208-2769